

# Carolina Montero

## List of Publications by Year in descending order

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13  
papers

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1039406

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#	ARTICLE	IF	CITATIONS
1	Monitoring Ni O and coke evolution during the deactivation of a Ni/La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> catalyst in ethanol steam reforming in a fluidized bed. Journal of Catalysis, 2015, 331, 181-192.	3.1	208
2	Coke deactivation of Ni and Co catalysts in ethanol steam reforming at mild temperatures in a fluidized bed reactor. International Journal of Hydrogen Energy, 2014, 39, 12586-12596.	3.8	175
3	Reaction pathway for ethanol steam reforming on a Ni/SiO <sub>2</sub> catalyst including coke formation. International Journal of Hydrogen Energy, 2014, 39, 18820-18834.	3.8	131
4	Origin and Nature of Coke in Ethanol Steam Reforming and Its Role in Deactivation of Ni/La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> Catalyst. Industrial & Engineering Chemistry Research, 2019, 58, 14736-14751.	1.8	70
5	Optimum operating conditions in ethanol steam reforming over a Ni/La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> catalyst in a fluidized bed reactor. Fuel Processing Technology, 2018, 169, 207-216.	3.7	58
6	Thermodynamic comparison between bio-oil and ethanol steam reforming. International Journal of Hydrogen Energy, 2015, 40, 15963-15971.	3.8	52
7	Reproducible performance of a Ni/La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> catalyst in ethanol steam reforming under reaction-regeneration cycles. Fuel Processing Technology, 2016, 152, 215-222.	3.7	36
8	Kinetic model considering catalyst deactivation for the steam reforming of bio-oil over Ni/La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> . Chemical Engineering Journal, 2018, 332, 192-204.	6.6	36
9	Comparison of Ni and Co Catalysts for Ethanol Steam Reforming in a Fluidized Bed Reactor. Catalysis Letters, 2014, 144, 1134-1143.	1.4	29
10	Catalytic Cracking of Heavy Crude Oil over Iron-Based Catalyst Obtained from Galvanic Industry Wastes. Catalysts, 2020, 10, 736.	1.6	5
11	Waste to Catalyst: Synthesis of Catalysts from Sewage Sludge of the Mining, Steel, and Petroleum Industries. Sustainability, 2020, 12, 9849.	1.6	5
12	Study of the Effects of the Addition of Fly Ash from Carwash Sludge in Lime and Cement Pastes. Sustainability, 2020, 12, 6451.	1.6	4
13	Barras energéticas de sachá inchi: optimización de la formulación mediante diseño estadístico de mezclas. Enfoque, 2022, 13, 58-72.	0.3	2